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THE GRACE HOSPITAL

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DETROIT, MICHIGAN

1921

TO THE READER

WE WANT you to become familiar with the work of The Grace Hospital. If your circumstances are such that you are not able to contribute to the charity work of the hospital, you can at least do us the favor of reading herein about the work we are doing.

All objectionable medical and surgical statistics have been omitted and this little book is issued for the perusal of the general public.

This is a public institution and it belongs to the citizens of Detroit. In the fulfillment of its mission it is intended to serve you in time of sickness or accident. If you are unfortunate enough to need hospital care, the money that you pay will contribute towards the care of someone who is poorly provided with this world's goods.

We invite you to become interested in the hospital. The doors are open to the public any afternoon throughout the year and we welcome your visits, advice and counsel. If you are a citizen of Detroit, it is your hospital, even though you do not have a hand in its management or contribute to its several lines of charity work.

We solicit subscriptions for any department of our work. We can arrange for you to assist directly in one of the social departments of the hospital if you will indicate your willingness to be identified with some of our charities. The names of the trustees, officers and contributors are sufficient warrant for the wise use of all funds that may be contributed.

THE GRACE HOSPITAL

Thirty-third Annual Report

of

THE GRACE HOSPITAL

INCORPORATED NOVEMBER 28, 1888
OPENED FOR THE RECEPTION OF
PATIENTS, DECEMBER 6, 1888

REPORTS CLOSE WITH CALENDAR
YEAR DECEMBER 31, 1921

DETROIT, MICHIGAN

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YOU CAN HELP
THE GRACE HOSPITAL

BY

1. Contributing to General Endowment Funds. (See Page 21.)

2. Contributing Funds for a Laboratory and Research Department. (See Page 33.)

3. Contributing Funds for a New Out-Patient Building.

4. Contributing to the Social Service Fund for the purchase of supplies for the indigent Sick.

5. Contributing to the Medical Library.

6. Contributing to the Training School Endowment Fund to be Used in Securing Additional Advantages for the Nurses.

7. Pledging $10.00 to $100.00 per year to a Cancer Research Fund.

8. Paying $850.00 a Year, Which Provides the Continuous Use of a Free Bed for the Sick Poor, Including Nursing, Medical Attendance and Board.

9. Making Provision in Your Will for a Bequest to the General Endowment Funds.

10. Contributing Sheets, Pillow Cases, Blankets, Dressing Gowns, Etc.

11. Contributing Fruit, Jellies or Other Supplies.

12. Contributing Flowers or Plants to Convalescent Sick.

13. Contributing Magazines and Story Books for Children.

THE YEAR'S WORK

1921

PATIENTS TREATED IN ALL DEPARTMENTS.....33,976
PATIENTS TREATED IN WARDS AND ROOMS, MAIN HOSPITAL..... 7,564
PATIENTS TREATED IN MIRIAM MEMORIAL BRANCH 1,066
PATIENTS TREATED IN EMERGENCY DEPARTMENT. 1,174
VISITS TO OUT-PATIENT DEPARTMENT.....24,374
AVERAGE NUMBER OF PATIENTS PER DAY IN ALL DEPARTMENTS WITH THE EXCEPTION OF OUT-PATIENT DEPARTMENT 269

FACTS OF INTEREST

1888 November 28th, Hospital Incorporated.
December 6th, Hospital Opened for Reception of Patients.
1889 General Endowment Fund Contributed—$100,000.00.
Free Dispensary Established.
1890 General Endowment Fund No. 2 Contributed—$200,000.00.
1891 First Class of Nurses Graduated.
1899 Nurses' Home Constructed.
1906 The Grace Hospital Polyclinic Opened.
1908 Course (Post-Graduate) in Hospital Economics, Administration and Institutional Nursing Established (November).
Purchase of Additional Frontage—Nurses' Home Lot.
1910 New Surgical Addition Completed and Operating Rooms Opened.
New Addition to Nurses' Home.
1911 Brush Street Lot Leased from City.
1912 Ellen Tefft Barbour Infant Ward Opened.
1913 Miriam Memorial Branch Given to the Hospital. (Opened January 1st, 1914.)
Social Service Department Inaugurated.
Newberry Room for Graduate Nurses Endowed.
1914 Oscar LeSeure Medical Library Established.
1914–15 Surgical Pavilion Built at Miriam Memorial Branch.
1915 Second Addition to the Nurses' Home.
1916 Remodeling Main Building Front Entrance and Offices.
1916–17 X-Ray Addition Constructed.
New Children's Ward Constructed.
1917–18 Hospital Officers, Staff Physicians, Nurses and Employes Commissioned or Enlisted in the Service of the Government for the World War.
1919–21 New North Wing Main Hospital Constructed, housing Urological and Maternity Departments; new Kitchens and Dining Rooms.
Nurses' Home at Miriam Memorial Branch constructed.
1921 Diagnostic Clinic Established January 1st.

BOARD OF TRUSTEES

1921

Regular Meetings Third Thursday of Each Month

OFFICERS

Wm. T. Barbour, *President*

Hon. Truman H. Newberry, *First Vice President*

D. M. Ferry, Jr., *Second Vice Presidnt*

J. T. McMillan, *Treasurer*

Francis Palms, *Secretary*

Henry E. Bodman

Ralph H. Booth

M. T. Conklin

Chas. A. Dean

D. Dwight Douglas

James S. Holden

Henry B. Joy

Henry M. Leland.

Francis McMath

Phelps Newberry

John S. Newberry

Murray W. Sales

John W. Staley

L. S. Trowbridge

*Resigned November 17, 1921.

COMMITTEES OF THE BOARD OF TRUSTEES

1921

EXECUTIVE COMMITTEE

James S. Holden, *Chairman*

D. M. Ferry, Jr.
Phelps Newberry
John S. Newberry
L .S. Trowbridge
H. B. Joy

FINANCE COMMITTEE

John W. Staley, *Chairman*

D. D. Douglas
Francis McMath
J. T. McMillan
James S. Holden

AUDITING COMMITTEE

H. E. Bodman, *Chairman*

Charles A. Dean
M. T. Conklin

TRAINING SCHOOL COMMITTEE

H. B. Joy, *Chairman*

L. S. Trowbridge
Francis Palms

COMMITTTE ON FREE BEDS AND DONATIONS

L. S. Trowbridge, *Chairman*

John S. Newberry
Phelps Newberry

PROPERTY AND REAL ESTATE COMMITTEE

D. M. Ferry, Jr., *Chairman*

James S. Holden
Ralph H. Booth
D. D. Douglas
W. L. Babcock

BOARD OF LADY MANAGERS

1921

OFFICERS

Mrs. Henry B. Joy, *President*

Mrs. J. C. Smith, Jr., *First Vice President*

Mrs. W. T. Barbour, *Second Vice President*

Mrs. LaFayette Crowley, *Secretary*

Mrs. H. N. Atterbury

Mrs. Kate M. Baker

Mrs. Ransom Gillis

Mrs. F. D. C. Hinchman

Mrs. J. Thayer McMillan

Mrs. Grace Moffat

Mrs. J. S. Newberry

Mrs. T. H. Newberry

Mrs. Chas. A. Strelinger

Miss M. E. Taylor

Mrs. A. E. F. White

OFFICERS

1921

Superintendent—
Warren L. Babcock, M. D.

Assistant Superintendent—
E. F. Collins, M. D.

Resident Physician—
J. T. Lyston, M. D.

Anesthetist—
Myra E. Babcock, M. D.

Auditor
Herman H. Lippelman, Jr.

Cashiers—
H. J. Richards
Frank Kunert

Princial Training School—
Lauria G. Meader, R. N.

Assistant Principal of Training School—
Janette Still, R. N.

Instructress—
Beatrice E. Ritter, R. N.

Matron—
Mrs. Mabelle Mayers,

Pharmacist—
A. F. Meloche

Steward—
Theodore Kerner

THE MIRIAM MEMORIAL BRANCH

Supervisor—
Gertrude Kennedy, R. N.

Steward—
S. R. Kinner

THE MEDICAL STAFF

1921

OFFICERS

S. H. Knight, A. M., M. D., *President*
Harold Wilson, M. D., *Vice President*
Charles S. Kennedy, M. D., *Secretary*
R. M. Richards, M. D., *Treasurer*

EXECUTIVE COMMITTEE

S. H. Knight, A. M., M. D., *Chairman*
H. W. Plaggemeyer, M. D.
Harold Wilson, M. D., *Secretary*
Geo. G. Caron, M. D.
E. F. Collins, M. D.
W. L. Babcock, M. D.
R. J Palmer, M. D.
J. T. Watkins, M. D.

EMERITUS CONSULTANTS

J. M. Griffin, M. D.
M. J. Spranger, M. D.
D. A. MacLachlan, M. D.
Oscar Le Suere, M. D.
E. J. Kendall, M. D.

CONSULTING STAFF

J. B. Kennedy, M. D., *Division of General Surgery*
Geo. G. Caron, M. D., *Division of General Medicine*
Advisory member Executive Committee
W. H. Price, M. D., *Division of Contagious Diseases and Sanitation*
Emil Amberg, M. D., *Division of Otology*
W. A. Giffen, D. D. S., *Division of Orthodontal Surgery*

DIVISION OF GENERAL SURGERY

S. H. Knight, A. M., M. D., *Division Chief*

S. H. Knight, A. M., M. D., *Attending Surgeon*
H. W. Hewitt, M. D., *Attending Surgeon*
E. C. Hoff, M. D., *Attending Surgeon*
F. A. Kelly, M. D., *Attending Surgeon*
Robert J. Palmer, M. D., *Attending Surgeon*
George P. Myers, M. D., *Associate Surgeon*
H. K. Shawan, A. B., M. D., *Associate Surgeon*
Charles Kennedy, B. S., M. D., *Associate Surgeon*
W. L. Hartman, M. D., *Associate Surgeon*
J. H. Boulter, M. D., *Associate Surgeon*

DIVISION OF GENERAL MEDICINE

John T. Watkins, M. D., *Division Chief*

John T. Watkins, M. D., *Attending Physician*
Stuart Wilson, M. D., *Attending Physician*
L. F. C. Wendt, M. D., *Attending Physician*
H. G. Bevington, M. D., *Associate Physician*

DERMATOLOGY

R H. Stevens, M. D., *Attending Dermatologist*

PEDIATRICS

T. B. Cooley, M. D., *Attending Pedriatician, Chief*
E. W. May, M. D., *Associate Pediatrician*

NEUROLOGY AND PSYCHIATRY

Irwin H. Neff, M. D. *Attending Neurologist, Chief*
D. M. King, M. D., *Attending Neurologist*
R. L. Clark, M. D., *Attending Neurologist*

GASTRO-ENTEROLOGY

C. E. Vreeland, M. D., *Attending Gastro-Enterologist*

DIVISION OF SPECIAL SURGERY

Harold Wilson, M. D., *Division Chief*

GYNECOLOGY

J. I. Murray, M. D., *Attending Gynecologist*
H. A. Hagerty, M. D., *Attending Gynecologist*
Bruce Anderson, M. D., *Associate Gynecologist*
C. C. Wright, M. D., *Associate Gynecologist*
H. A. Shafor, M. D., *Associate Gynecologist*
W. G. Paterson, M. D., *Associate Gynecologist*

OBSTETRICS

M. A. Darling, M. D., *Attending Obstetrician, Chief*
R. Milton Richards, M. D., *Attending Obstetrician*
James B. Hodge, M. D., *Associate Obstetrician*
Myra Babcock, M. D., *Associate Obstetrician*

OPHTHALMOLOGY AND OTO-LARYNGOLOGY

Harold Wilson, M. D., *Ophthalmologist and Oto-Laryngologist, Chief*
Neil Bentley, M. D., *Associate Ophthalmologist and Oto-Laryngologist*
Carl C. McClelland, M.D., *Associate Ophthalmologist and Oto-Laryngologist*
J. E. Gleason, M. D., *Associate Ophthalmologist and Oto-Laryngologist*
F. B. McMullen, M. D., *Associate Ophthalmologist and Oto-Laryngologist*
G. M. Waldeck, M. D., *Associate Ophthalmologist*

UROLOGY

H. W. Plaggemeyer, M. D., *Attending Urologist, Chief*
L. W. Hull, M. D., *Assistant Attending Urologist*
Robert E. Cumming, M. D., *Assistant Attending Urologist*

PROCTOLOGY

John Van Hee, M. D., *Attending Proctologist*
J. A. McVeigh, M. D., *Attending Proctologist*

ORTHOPEDICS

W. E. Blodgett, M. D., *Attending Orthopedist*
C. L. Storey, M. D., *Attending Orthopedist*

DEPARTMENT OF SPECIAL THERAPY AND RESEARCH

RADIOGRAPHY

R. H. Stevens, M. D., *Roentgenologist*
H. P. Doub, M. D., *Assistant Roentgenologist*

PATHOLOGY AND BACTERIOLOGY

C. I. Owen, M. D., *Director*

AUXILIARY ATTENDING STAFF

P. J. Abbott, M. D.
George R. Andrews, M. D.
J. L. Asselin, M. D.
D. E. Binning, M. D.
G. M. Canfield, M. D.
E. W. Caster M. D.
L. C. M. Conley, M. D.
J. C. Danforth, M. D.
W. H. Diebel, M. D.
E. N. Dolman, M. D.
A. Fellman, M. D.
N. Ginsberg, M. D.
E. H. Hanna, M. D.
C. A. Hammer, M. D.
Howard Havers, M. D.
A. B. Henderson, M. D.
W. L. Hulse, M. D.
George W. Irvine, M. D.
H. H. James, M. D.
R. K. Johnson, M. D.
W. Y. Kennedy, M. D.
H. E. Knight, M. D.
J. O. Kopel, M. D.
W. J. Lovering, M. D.
W. W. McGregor, M. D.
M. V. Meddaugh, M. D.
E. D. Merritt, M. D.
B. D. Parker, M. D.
F. R. Reed, M. D.
A. H. Seibert, M. D.
A. R. Smeck, M. D.
Frank Suggs, M. D.
E. J. Tamblyn, M. D.
B. H. Vollertsen, M. D.
George P. Wood, M. D.

MIRIAM MEMORIAL BRANCH

ATTENDING STAFF

Medicine—
L. F. C. Wendt, M. D.
G. B. Hoops, M. D.
Geo. C. Duggan, M. D.
R. E. Loucks, M. D.

Ophthalmology and Oto-Laryngology—
E. J. Bernstein, M. D.

Obstetrics—
G. L. Koessler, M. D.
B. L. Bryant, M. D.

Neurology—
Dale M. King, M. D.
R. L. Clark, M. D.

Surgery—
Geo. H. Palmerlee, M. D.
H. K. Shawan, A. B., M. D.
Paul Lippold, M. D.

AUXILIARY STAFF

P. R. Powell, M. D.
J. E. Maunders, M. D.
R. J. McClellan, M. D.
C. R. Davis, M. D.

THE GRACE HOSPITAL POLYCLINIC

1921

BOARD OF DIRECTORS

W. L. Babcock, M. D., *Chairman*

T. B. Cooley, M. D.
E. F. Collins, M. D.
M. A. Darling, M. D.
H. W. Plaggemeyer, M. D.
Harold Wilson, M. D.
H. K. Shawan, M. D.
Stuart Wilson, M. D.
R. H. Stevens, M. D.
C. E. Vreeland, M. D.
C. L. Storey, M. D.

CONSULTING STAFF

Surgery—
J. B. Kennedy, M. D.
S. H. Knight, A. M., M. D.
R. J. Palmer, M. D.

Medicine—
F. J. Clippert, M. D.

Ophthalmology and Oto-Laryngology—
J. E. Gleason, M. D.
Harold Wilson, M. D.

ATTENDING STAFF

Harold Wilson, M. D., *Chief of Staff*

General Surgery—
H. K. Shawan, M. D., *Chief*
L. A. Murray, M. D.
C. H. Belknap, M. D.
Victor Droock, M. D.
R. R. Goldstone M. D.
Wm. R. Olmsted, M. D.
Chas. Root, M. D.
Gerald Wilson, M. D.
A. J. Font, M. D.
W. W. McGregor, M. D.

Gynecology—
R. H. Bookmeyer, M. D.
M. A. Darling, M. D.
F. W. Gottschalk, M. D.
F. T. McCormick, M. D.
O. W. Picard, M. D.
Susanne Sanderson, M. D.

Pediatrics—
T. B. Cooley, M. D., *Chief*
A. L. Chapman M. D.
H. R. John, M. D.
K. C. MacPherson, M. D.

Medicine—
Stuart Wilson, M. D., *Chief*
B. H. Glenn, M. D.
J. G. Israel, M. D.
H. G. McLean, M. D.
A. J. Newman, M. D.
L. E. Pangburn, M. D.
C. A. Paull, M. D.
Wm. G. Schlegelmilch, M. D.
D. H. Weingarden, M. D.
C. E. McMehen, M. D.

Eye, Ear, Nose and Throat—
Harold Wilson, M. D., *Chief*
Neil Bentley, M. D.
A. W. Erkfitz, M. D.
Wm. Fowler, M. D.
R. S. Goux, M. D.
Voss Harrell, M. D.
F. L. Johnson, M. D.
F. T. Munson, M. D.
E. C. Watson, M. D.
R. W. Hughes, M. D.
S. M. Lewis, M. D.
P. C. McEwen, M. D.
H. F. Ohrt, M. D.

THE GRACE HOSPITAL POLYCLINIC—(Continued)

Dermatology—
- R. H. Stevens, M. D., *Chief*
- A. E. Schiller, M. D.
- R. A. Perkins, M. D., *Assistant*

Obstetrical and Prenatal Work—
- M. A. Darling, M. D., *Chief*
- Myra E. Babcock, M. D.
- M. G. Goff, M. D.
- H. R. Hildebrandt, M. D.

Nervous and Mental Diseases—
- Dale M. King, M. D.

Tuberculosis—
- H. J. Stephens, M. D.

Othopedics—
- C. L. Storey, M. D., *Chief*
- L. B. Cowen, M. D.

Pathology—
- C. I. Owen, M. D.

Urology—
- H. W. Plaggemeyer, A. B., M. D., *Chief*
- G. C. Burr, M. D.
- L. W. Hull, M. D.

Gastro-Enterology—
- C. E. Vreeland, M. D., *Chief*
- E. H. Sichler, M. D.
- L. Kaminski, M. D., *Assistant*
- R. J. Elvidge, M. D., *Assistant*

DENTAL DEPARTMENT

Consulting Staff
- W. A. Giffen, D. D. S.
- C. H. Oakman, M. D., D. D. S.
- Geo. F. Burke, D. D. S.
- E. O. Gillespie, D. D. S.

Attending Staff
- A. C. Thompson, D. D. S.
- W. A. Cook, D. D. S.
- E. Teetsel, D. D. S.
- R. J. Fair, D. D. S.

RESIDENT HOUSE STAFF

1921

H. B. STEINBACH, M. D.
House Surgeon—March 1, 1921, to May 1, 1921.
House Physician—January 1, 1921, to March 1, 1921.

ROBERT ELVIDGE, M. D.
House Surgeon—March 1, 1921, to May 1, 1921.
House Physician—January 1, 1921, to March 1, 1921.

RAYMOND ROGERS, M. D.
House Surgeon—May 1, 1921, to July 1, 1921.
House Physician—December 31, 1920, to February 1, 1921.

G. F. MOORE, M. D.
House Surgeon—January 1, 1921, to March 1, 1921.
House Physician—March 1, 1921, to May 1, 1921.

I. J. SIWKA, M. D.
House Surgeon—April 1, 1921, to June 1, 1921.
House Physician—June 1, 1921, to July 1, 1921.

ROSE KRIZ, M. D.
House Surgeon—June 1, 1921, to July 1, 1921.
House Physician—January 1, 1921, to March 1, 1921.

GENTOK NAKAI, M. D.
House Surgeon—January 1, 1921, to March 1, 1921.
House Physician—March 1, 1921, to May 1, 1921.

JULIUS JAFFE, M. D.
House Surgeon—March 1, 1921, to May 1, 1921.
House Physician—May 1, 1921, to July 1, 1921.

N. E. LAVELY, M. D.
House Surgeon—March 1, 1921, to May 1, 1921.
House Physician—May 1, 1921, to July 1, 1921.

E. D. MacKENZIE, M. D.
House Surgeon—July 1, 1921, to September 30, 1921.
House Physician—May 1, 1921, to July 1, 1921.

H. G. McLEAN, M. D.
House Surgeon—July 1, 1921, to September 1, 1921.
House Physician—March 1, 1921, to May 1, 1921.

WILLIAM CORNS, M. D.
House Surgeon—November 1, 1921, to December 31, 1921.
House Physician—July 1, 1921, to September 1, 1921.

EDWARD SWEENEY, M. D.
House Physician—November 1, 1921, to December 31, 1921.

C. A. JOHNSON, M. D.
House Surgeon—November 1, 1921, to December 1, 1921.

O. ENSING, M. D.
House Physician—September 1, 1921, to November 1, 1921.

A. W. ANDERSON, M. D.
House Physician—September 1, 1921, to November 1, 1921.

H. S. FOLEY, M. D.
House Physician—November 1, 1921, to December 31, 1921.

The above Senior Residents served as House Gynecologists, House Obstetricians and Junior Internes prior to their service in the medical and surgical divisions.

JUNIOR INTERNES

B. O. Goodrich
Hazel A. Wellman
R. C. Jaenike
E. L. Robb
H. O. Dietzel
R. E. De'Spelder
G. E. Tweedie
Perry Gitttins
L. F. Cobb
S. G. Henry
L. S. Dunkin
M. S. Tweedie
R. De Tomasi

MIRIAM MEMORIAL BRANCH OF THE GRACE HOSPITAL

SUBSCRIBERS TO GENERAL ENDOWMENT FUNDS

1888

Endowment Fund No. 1

James McMillan	$50,000.00	
John S. Newberry	$50,000.00	
		$100,000.00

1890

Endowment Fund No. 2

Helen H. Newberry	$50,000.00	
James McMillan	50,000.00	
Dexter M. Ferry	50,000.00	
H. Kirke White	10,000.00	
Martin S. Smith	10,000.00	
Wm. C. McMillan	10,000.00	
Thomas Ferguson	5,000.00	
Truman H. Newberry	2,333.34	
John S. Newberry	2,333.33	
Helen Hall Newberry	2,333.33	
Ransom Gillis	1,000.00	
H. A. Newland	1,000.00	
A. E. F. White	1,000.00	
E. S. Barbour	1,000.00	
J. B. Mulliken	1,000.00	
Amos Chaffee	1,000.00	
Mrs. Redman, 1890	500.00	
Alanson Sheley, 1893	500.00	
E. H. Flinn, 1912	5,000.00	
Mary McMillan, 1919	5,000.00	
Philip H. McMillan, 1920	10,000.00	
		$319,000.00
Amos Chaffee, 1888, Real Estate (estimated)	$51,056 71	

ENDOWED ROOMS AND BEDS

Mrs. E. T. Barbour, 1901 — Room 230, Corridor F

To be known as the Tefft Memorial Room in memory of her father. Candidates for this room to be nominated by the donor or her heirs.

Ladies of the Modern Maccabees of Michigan

Bed in Women's Surgical Ward

For the free use of the members of the Order of the Ladies of the Modern Maccabees of Michigan.

Mrs. Delia Hanmer, 1908 — Room 239, Corridor F

For the free use of singers and musicians of Detroit.

Mr. M. T. Conklin, 1910 — Operating Room No. 1

In memory of his mother, Harriet V. Conklin.

Mrs. M. T. Conklin, 1910 — Operating Room No. 2

In memory of her parents, Henry and Lucinda Salisbury Smith.

Ladies of the Maccabees of the World, 1912 —

Bed in Women's Surgical Ward

For the free use of members of the Order of the Ladies of the Maccabees of the World.

Mrs. Helen H. Newberry, 1913
Truman H. Newberry, 1913
John S. Newberry, 1913
Mrs. Helen N. Joy
} Room 201

For the free use of graduates of The Grace Hospital Training School for Nurses.

Miss Elizabeth P. Kirby, 1919 — Room 403

To be known as the George Kirby Room.

ROOMS IN PRIVATE SUITE FURNISHED BY FRIENDS OF THE HOSPITAL

Corridor F

Room (229) The Caroline B. Stanton Memorial Room (Mrs. J. S. Newberry)
Room (230) The Tefft Memorial Room (Mrs. E. T. Barbour)
Room (231) Eber W. Cottrell
Room (232) Clara Boyer
Room (233) Mrs. DeWitt H. Taylor
Room (234) Ladies of the Fort Street Presbyterian Church
Room (235) Mrs. Chas. E. Holland
Room (236) The Ohio Society of Detroit
Room (237) The Colburn Memorial Room (Mrs. W. C. Colborn)
Room (238) Mrs. Helen N. Joy
Room (239) The Hanmer Room for Musicians (Mrs. Delia Hanmer)
Room (240) Elijah H. Drake, M. D. (Dr. H. B. Drake)
Room 241) Mrs. Ransom Gillis
Room (242) Memorial to Anna M. C. Wetmore (Miss Blanche and Mr. E C. Wetmore)

WARDS AND OPERATING ROOMS FURNISHED BY FRIENDS OF THE HOSPITAL

Corridor E

Ward (10 The Frederick Buhl Memorial Ward.
Ward (12) The Elisha H. Flinn Memorial Ward.
Ward (14) Mrs. Philip McMillan.
Ward (16) Mrs. Geo. M. Black.
Ward (18) Mrs. Alfred O. Dunk.

Corridor G

Operating Room No. 1—In memory of Harriet V. Conklin. (Furnished and endowed by M. T. Conklin)

Operating Room No. 2—In memory of Henry and Lucinda Smith. (Furnished and endowed by Mrs. M. T. Conklin)

SPECIAL BEQUESTS AND GIFTS

Mrs. Newell Avery, 1893 ..... $ 1,000.00

Mr. Eldridge M. Fowler, 1904 ..... 10,000.00
Special bequest, the income of which is to be devoted to the "education and equipment of nurses."

Mrs. E. L. Ford, 1907 ..... 100.00
Gift to the Training School for Nurses.

Mrs. Helen H. Newberry, 1907 ..... 285.75
For redecorating parts of Nurses' Home.

Mrs. Delia Hanmer, 1908 ..... 7,250.00
Bequest for the endowment of a room for the hospital care of sick indigent singers and musicians of Detroit.

Mrs. Helen H. Newberry, 1909 ..... 20,000.00
Voluntary payment of all outstanding obligations contracted by the Hospital in erecting the Helen Newberry Nurses' Home.

Mr. Levi Grandy, 1910 ..... 1,500.00
Special bequest to Building Fund.

Mr. Henry B. Joy, 1911 ..... 450.00
Contribution to cover cost of new elevator machinery.

Mrs. E. T. Barbour, 1912 ..... 3,000.00
Bequest as an endowment fund, the income of which shall be devoted to the maintenance of the Tefft Memorial Room.

Mr. W. T. Barbour, 1912 ..... 1,000.00
Contribution for the equipment and furnishing of an infant ward, to be known as the Ellen Tefft Barbour Infant Ward, in memory of his mother.

Mrs. A. C. Woodbridge, 1912 ..... 250.00
Contribution for the purchase of equipment and furnishings for a Photographic Laboratory.

Mrs. Ellen R. Leland, 1912 ..... 206.07
Contribution for the purchase of a Nitrous Oxide Anesthetic Apparatus.

Mrs. E. M. Holland, 1912 ..... 125.00
Special contribution for the equipment and furnishing of a Lying-in Room.

Mr. Truman H. Newberry, 1912 ..... 1,222.97
Special contribution for new floors and equipment for Wards Nos. 1 and 11.

Mrs. E. W. McGookin, 1913 ..... 190.00
Contribution for the purchase of sterilizers for the Lying-in Department.

Mrs. Helen Handy Newberry, 1913 ..... 5,000.00
A bequest, the income of which is to be devoted to the maintenance of the Helen Newberry Nurses' Home.

Mrs. Helen Handy Newberry, 1913 ..... 10,000.00
A bequest toward the endowment of a room for the free use of the graduates of The Grace Hospital Training School for Nurses.

Mr. Truman H. Newberry
Mr. John S. Newberry
Mrs. Helen N. Joy } 1913 ..... 10,000.00

Contribution to complete the endowment of a room for the free use of the graduates of The Grace Hospital Training School for Nurses.

Board of Lady Managers of The Grace Hospital, 1913-1914 .. 325.00
In partial payment of the salary of the Hospital Social Service Director.

Mr. Henry M. Leland, 1913-14-15-16 ..... 450.00
Contributions to Social Service Fund.

Mr. W. T. Barbour, 1913-14-15 ..... 350.00
Contribution to Social Service Fund.

Mr. H. B. Joy, 1914 ..... 540.00
Contributions for X-Ray Appliances.

Mrs. Helen N. Joy, 1914 ..... 2,035.96
For redecoration of Nurses' Home.

Mr. Truman H. Newberry
Mr. John S. Newberry
Mr. H. B. Joy
Mr. Dexter M. Ferry
Mr. Philip H. McMillan
Mr. W. T. Barbour } 1915 ..... 1,037.50

Contributions to Fund toward purchase of gasoline ambulance.

Mr. Fred M. Butzel, 1916 ..... 100.00
Contribution to Children's Ward Fund.

Mrs. S. A. Monroe, 1916 ..... 2.00
Contribution to Obstetric Department.

Mr. H. L. Jenness, 1916 ..... 25.00
For X-Ray Treatment of a Special Patient.

Mr. Howard D. Glenn, 1916 ..... 125.00
Contribution to Social Service Fund.

Mr. Wm. F. Barr, 1916 ..... 25.00
Contribution to Social Service Fund.

Mr. H. M. Leland
Mr. W. C. Leland
Mrs. Gertrude Woodbridge } 1916 ..... 2,000.00

Mr. Truman H. Newberry, 1916 ..... 200.00
Mr. John S. Newberry, 1916 ..... 200.00
Mr. D. M. Ferry, Jr., 1916 ..... 200.00
Mr. W. T. Barbour, 1916 ..... 200.00
Mrs. G. O. Robinson, 1916 ..... 200.00
Miss E. P. Kirby, 1916 ..... 200.00
Mr. Jas. S. Holden, 1916 ..... 100.00
Mr. Philip H. McMillan, 1916 ..... 200.00
Dr. R. J. Palmer, 1916 ..... 100.00
Mr. H. B. Joy, 1916 ..... 500.00
Mr. Jas. H. Flynn, 1916 ..... 50.00
Mr. W. P. Stevens, 1917 ..... 25.00
Contributions to X-Ray Equipment Fund.

Mr. Charles R. Dunn, 1918..... 250.00
Contribution to Furnish Room 401, Corridor D; in memory of Mrs. Ethel Stark Dunn, his wife.

Miss Elizabeth P. Kirby, 1919..... 25,000.00
Bequest as an endowment, Room 403.

Miss Elizabeth P. Kirby, 1919..... 2,000.00
Bequest, the income from which is to be devoted to maintenance of Rooms 402 and 403.

Mr. Samuel A. Knight, 1919..... 500.00
As a contribution to the Blood Transfusion Fund in memory of his wife, Carolyn Giles Knight.

Mr. Kenneth Anderson, 1920..... 50.00
To Special Building Fund.

The Grace Hospital Attending Staff, 1920..... 3,885.00
For Operating Room equipment.

Mr. George H. Beach, 1921..... 100.00
To Special Laboratory Fund.

A PRIVATE ROOM

REAL ESTATE AND PROPERTY ACCOUNT

1888	Cost of construction main building hospital	$124,890.44
1888	Cost of equipment and furnishings for same	15,917.85
1888	Hospital and Nurses' Home real estate (estimated)	51,056.71
1899	Cost of construction and equipment main building Nurses' Home	27,911.81
1910	Cost of construction and equipment, new addition to hospital	113,736.36
1910	Cost of construction and equipment, new addition Nurses' Home	17,835.84
1913	Miriam Memorial Branch gift, real estate and buildings	20,000.00
1914	Cost of construction and equipment, Employes' Building	45,220.27
1914–15	Cost of construction and equipment—Operating Pavilion, Miriam Memorial Branch	2,647.52
1915-16	Cost of construction, west addition Nurses' Home	3,494.76
1916–17	Cost of construction and equipment—X-Ray Addition	7,060.44
1916–17	Cost of construction and equipment—Children's Ward	7,379.98
1919	Expenditures account construction of Nurses' Home —Miriam Memorial Branch	59,498.77
1919–21	Expenditures account construction of North Wing Building	106,404.36
		$603,055.11

LAWN AND GROUNDS—WEST BRANCH

VERANDA—WEST BRANCH

ENDOWMENTS AND ANNUITIES

$25,000 endows a private room and permits the donor to name the occupant of the bed.

$12,500 endows a ward bed and permits the donor to name the occupant of the bed.

$850 will pay the expenses of a patient or patients in a ward bed for one year, and permits the donor to name the occupant of the bed.

$750 will decorate and furnish a private room. The donor's name or the name of another, as a memorial, can appear on a tablet on the door of such room.

$500 will completely furnish a private room. The donor's name, or the name of another, as a memorial, can appear on a tablet on the door of such room.

$225 per quarter, or $850 per annum, will provide the continuous free use of a ward bed for patients, including nursing, meals, hospital care, etc.

FORM OF BEQUEST

I give and bequeath to The Grace Hospital, in the City of Detroit, the sum of.....to be applied to the use and benefit of said Hospital for the purpose of.....under the direction of its Board of Trustees.

Date.....

Signed.....

SUPERINTENDENT'S REPORT

Detroit, Mich., December 31, 1921.

To the Board of Trustees, The Grace Hospital:

Gentlemen:—I have the honor to submit herewith the report of the Hospital for the twelve months ending December 31, 1921.

Number of patients remaining in main hospital Dec. 31, 1920.	156
Number of patients remaining in Miriam Memorial Branch Dec. 31, 1920	22
Admitted to the main hospital during 1921	7,408
Admitted to the Miriam Memorial Branch during 1921	1,044
Admitted to the Emergency Department during 1921	1,174
Total admitted to all departments during 1921	9,626
Total treated during 1921	9,804
Total number of visits to all Departments of Polyclinic	24,374
Number of days' treatment of patients in main hospital	72,782
Number of days' treatment of patients in Miriam Memorial Branch	11,208
Total number of days' treatment of patients	83,990
Number of patients admitted and treated without charge (12.3 per cent of total number)	797
Number of days' treatment of patients in hospital free of charge (9 per cent of the total number of days)	9,389
Total days' maintenance of patients and employes	199,675
Number of ambulance calls	2,109
Daily average number of patients in main hospital, 1921	198
Daily average number of patients in Miriam Memorial Branch, 1921	32
Total daily average for both institutions, 1921	230
Average length of treatment of each patient, days	10.06
Cost of maintenance per patient per day	$5.11

The material accomplishments of 1921 have been considerable and decidedly encouraging. The reorganization of the Hospital personnel, which has been under way for the past three years, has produced excellent results. It has been many years since we have developed as excellent and efficient a corps of workers in the administrative and domestic departments of the Hospital as during the past year. This has been accomplished in spite of the fact that in many instances it has been necessary to reduce salaries and wages. During the first six months of the year the Hospital was operated at a considerable deficit. The readjustment of the wage scale and the drop in the price of commodities reached a point, however, about September 1 which permitted a balancing of receipts and expenditures for the remainder of the year. This was only accomplished after a considerable effort to reduce overhead expenses. Through a readjustment of organization schedules, closing of Branch laundry and carrying out Branch laundry work at the Main Hospital, closing of several wards at different periods, and the reorganization of repair departments so as to make it unnecessary to call in skilled labor from the outside.

NEW CONSTRUCTION

The completion and occupancy of the new North Wing early in the year was a progressive event in our Hospital history. The new main kitchens, Staff and Nurses' dining rooms were occupied in January, 1921, the maternity suite on the second floor in February, 1921, and the Urological Department, occupying the entire third floor, on March 15, 1921. The successful operation of our cafeteria service for nurses and staff has been highly gratifying, not only from the administrative standpoint, but is greatly appreciated by the nurses and people whom it serves.

The cost of construction of the new North Wing was $87,782.06, cost of equipment $18,622.50, making a total of $106,404.36. It is a matter for congratulation that this construction was accomplished without the Hospital adding a single dollar to its indebtedness. The Detroit Community Union provided $49,500.00, from its community drive in 1919, toward this capital expenditure.

FUTURE DEVELOPMENT

The plan of development in construction work noted in last year's report is yet ahead of us. The urgent necessity for increased laboratory accommodations renders it desirable to take steps for the construction of new Laboratories at once, without waiting for the greater development plan which provides for an out-Patient Department and Laboratory Pavilion on Willis Avenue, East. In accordance with the order of your Board, instructions have been given to an architect to prepare plans and estimates for another story on the 1910 addition. These drawings and estimates were ordered at your November, 1921, meeting, and their completion and approval await the action of your Board early in the new year. The plans for future development of the Hospital contemplate a Private-Patient Pavilion. This is one of our urgent necessities. During the past year, while only fifty per cent of the ward beds were occupied, the private rooms were seldom vacant. On account of the lessening demand for the care of city, county and charity cases, the need for ward beds has diminished. Prior to ten years ago the reverse was true, and in the development of the Hospital a disproportionate number of ward beds was provided. Our capacity index shows 82 private rooms, including two-bed rooms, and 265 ward beds, including 48 infants' and children's beds.

CAPACITY OCCUPIED

For the first time in seventeen years the full capacity of the Hospital has not been utilized at any time. The percentage of beds occupied reached a maximum of 77½% in February, 1921, and fell to a minimum of 55½% in July, 1921, maintaining throughout the year an average of 66½%. This was practically 18½% under the average for 1920, during which year the maximum was 95½% and the minimum 74%, with an average of 85%. The monthly average of part-pay patients as compared with private room or full-pay patients ranged from a maximum of 70% to a minimum of 58%, with an average of 61% for the year. Conversely, the pay-patients by months ranged from 18½% to 36½% of the total treated. Thoughtful consideration should be given to these figures, as there are few hospitals in the country where the ward beds represent 65% of total beds. This preponderance is in accordance with the primary object of the Hospital, whose founders planned that all sick without financial means would find help within its doors. Times have changed. Industrialism cares for its own, and indigency is diminishing. The days when the Hospital was considered as a refuge for the sick poor only, are past, and the entire public demands consideration.

PROFESSIONAL PROGRESS

The conjoint meetings of the Attending, Auxiliary, Polyclinic, Resident and Branch Staffs have continued throughout the year, ten regular meetings having been held. The enthusiasm and large attendance noted last year continues. The attendance has varied from 65 to 115 per meetings, the average attendance throughout the year representing 80% of the entire Staff. As heretofore, 90% of the program is clinical, interspersed with the presentation of well prepared cases, the exhibition of patients, and occasional lantern or film demonstrations. During the year a moving picture machine was purchased for the use of the Staff at these meetings. The Staff also have the use of a projectoscope, stereopticon lanterns, microphotographic outfits, metabolism apparatus, etc., for teaching, diagnostic and demonstration purposes, and in addition arrangements were made during the year for the services of a professional photographer, Mr. F. M. Rushlander, who is prepared at all times to do professional photographic or microphotographic work for the Staff. The various professional departments throughout the year have maintained a most efficient level of service. The newly organized Urological Department has concentrated its work in the new Urological suite with increased efficiency in organization and perfection of detail. The laboratory, operating and sterilizing rooms, and ward service, entirely within this suite, provides an independent, co-operating agency for diagnosis and treatment that is not surpassed in the West. Under the professional administration of Dr. Plaggemeyer it has attracted much attention.

The Obstetric Department was newly organized during the year, and Dr. M. A. Darling made chief of the service. The new maternity wards and delivery rooms, in the recently constructed North Wing, offer semi-private care for confinement cases, that is being readily appreciated by the public, as this service is crowded most of the time. The Pediatric Department continues to carry out its efficient work, under Doctors Cooley and May, and several thousand infants and children were cared for during the year. The Neurological Department was reorganized, and Dr. I. H. Neff made acting chief. The Diagnostic Clinic, organized in 1920, has continued its efficient service, as will be seen by reference to a report of this clinic elsewhere in the annual.

The Hospital continues to offer its facilities to all qualified practitioners in medicine and surgery. During the year, in addition to the members of the various staffs, who now number 140, nearly 200 non-staff physicians sent patients to the Hospital. Young physicians and physicians locating in the city, who appear to be qualified, are admitted to practice in the Hospital, under supervision, on first application, and as soon as their ability and practice conforms to the high standard established they are permitted to take full responsibility for the care of their private patients.

The Hospital continues to offer its facilities for the practical training of medical students of the Detroit College of Medicine. Throughout the year the members of the junior class were given clinical work by schedule in the Out-Patient Department and other departments of the Hospital.

LABORATORIES

The administrative and professional Staff suffered the loss of Dr. Carl R. Meloy, Director of Laboratories. Dr. Meloy died on March 30, 1921, after a long illness. He was appointed Director of Laboratories on June 20, 1914, and gave highly efficient and uninterrupted service up to a few weeks before he passed away. The vacancy was filled by the appointment of Dr. C. I. Owen, from the Staff of the Receiving Hospital. Dr. Owen has efficiently maintained the high standards of this department, and has plans under way and nearly completed for the new Laboratories on the fourth floor of the 1910 wing. The new Laboratories will contain the most modern equipment and facilities for clinical diagnosis and research work, including pathological, chemical, bactereological, serological and microphotographic rooms, library, reading rooms, animal rooms, etc. It is hoped that this construction will be undertaken early in the spring, as the need of additional space is urgent.

MIRIAM MEMORIAL BRANCH

This Branch on the West Side has continued to serve the community with efficiency. On account of its quiet surroundings, smaller capacity and freedom from noise and confusion it has been preferred by many physicians, especially for confinement cases. During 1921 the Branch treated 1,066 patients. A tabulated statistical statement will be found on page —. Miss Elloree McKinley, who had held the position of Supervisor of the Branch for several years, resigned to marry, and was succeeded by her first assistant, Miss Gertrude Kennedy.

TRAINING SCHOOL

Report of this Department will be found elsewhere in the annual. The reorganization of the Training School, incident to the shortage of nurses in 1919 and during the war period, has been completed, and it is believed the school has never functioned more efficiently. The high quality of applicants for training has been conspicuous throughout the year, and their number such as to enable the Principal to select the best qualified candidates. The co-operation of the Cass Technical High School faculty in the teaching of juniors has continued, for which we are under many obligations. The success of the 2½ year course has been strikingly apparent, after nearly ten years of trial. It is a pleasure to make record of the highly efficient co-operation and splendid services of the Superintendent of Nurses, Miss Lauria G. Meader, and her assistants, in the work of the Hospital.

X-RAY DEPARTMENT

During the year much new equipment has been added, and most excellent work accomplished. At the December meeting of your Board, authority was given to purchase apparatus known as the "Deep Therapy X-Ray Equipment," for the treatment of cancer and deep seated growths. As this report is written the installation of this apparatus is nearly completed, at a cost of over $10,000.00. A report of the work of this Department will be found in detail elsewhere.

OUT-PATIENT DEPARTMENT

The industrial depression was probably responsible for the material increase in the work of this Department. Rooms formerly occupied by the Hydrotherapeutic Department were opened for Out-Patient work, and an increased number of patients treated thereby. This Department has been very well managed by Mrs. Jennie Stall and her assistants, whose loyalty and untiring efforts have contributed much to the work of the Hospital. The number of visits to the Department increased from 15,287 to 24,374—an increase of about 58%. The number of patients transferred to the Main Hospital for In-treatment increased from 1,318 to 1,468—an increase of about 11%. These patients were all given hospital care at a small fee for bed and board, or entirely free, as their circumstances warranted. In no instance were charges made for professional service.

SOCIAL SERVICE DEPARTMENT

The increase in the work of the Out-Patient Department during the industrial depression has augmented the work of this department. Mrs. Lola S. Bromley, who succeeded Miss Moodie, and her assistant have carried out good work in their Department throughout the year, often under trying conditions, largely on account of limited quarters and office facilities.

OCCUPATIONAL THERAPY

This is one of the most inspiring departments of the Hospital, and brings joy and pleasure to many patients. The disspiriting mental attitude of patients long confined in bed has been dissipated through the efforts of this department, under the direction of Miss Carter. Another notable exhibit from this department was held in the City Hall in conjunction with the exhibit of the Social Service Department, prior to the Community Drive. This occupational therapy work has attracted wide attention.

THE DETROIT COMMUNITY UNION

The Detroit Community Union contributed to the maintenance of the Out-Patient, Social Service and Occupational Therapy Departments to the extent of $19,450.64. This support has enabled us to maintain the Out-Patient Department at the full extent of its capacity. We point with pride to the fact that with but a slight increase of expenses we were able to take care of an increase of 9,059 visits. Attention is again called to the fact that the allotment of Community funds for the maintenance of these departments has released the income from the regular hospital endowment funds for the care of free and part-pay patients. That this is a matter of vital importance to the hospital may be understood when it is known that over 70% of the hospital beds are part-pay beds.

CHARITY WORK OF THE HOSPITAL

The Main Hospital and Branch treated 797 patients free of charge, a total of 9,389 days, or 9% of the total number of hospital days. For the care of these patients the Hospital expended over $40,000.00. The majority of these patients were admitted to the Hospital from the Out-Patient Department. Fully 50% of this work was carried out for children and infants who were admitted for treatment of nutritional disorders or for the removal of tonsils, adenoids, etc. It is the policy of the Hospital to admit every worthy case presenting need for care and treatment.

POST-GRADUATE COURSES

The post-graduate courses which have been established for several years continue to prosper. The splendid work carried out by Dr. Myra Babcock in the training of nurses in ether and nitrous-oxide-oxygen anesthesia has attracted wide attention. The number of applicants for this course continue to be far in excess of our training capacity. The Federal Vocational Service during the year contracted for the placing of several students in this course, as well as in the courses of Advanced Laboratory and X-Ray Technique. These last two courses are almost equaly popular, and the number of graduates presenting themselves for training in both technical courses continue in excess of our capacity.

THE GRACE HOSPITAL BULLETIN

Volume 5 of The Grace Hospital Bulletin comprised four numbers issued in 1921:

January, 1921

1. The Medical Aspect of Prostatic Surgery..... H. W. Plaggemeyer, M. D.
2. The Surgical Treatment of Exophthalmic Goitre..... H. K. Shawan, M. D.
3. "Fear".....Dale M. King, M. D.
4. Acute Infective Osteomyelitis.....R. Johnston Palmer, M. D.

April, 1921

1. The Making of an X-Ray Diagnosis.....Rollin H. Stevens, M. D.
2. Symposium on Pernicious Anemia:
   (a) The Definition, Classification and Possible Etiology of Pernicious Anemia.....Leonard F. G. Wendt, M. D.
   (b) Pathology and Diagnosis of Pernicious Anameia..... Stuart Wilson, M. D.
   (c) The Symptomatology, Course and Treatment of Pernicious Anemia.....John T. Watkins, M. D.

July, 1921

1. The Indications and Contra-Indications for Tonsillectomy, with House Orders for Tonsil and Adenoid Cases.
2. Standing House Oorders for Surgical Department.
2. Standing House Orders for Obstetrical Department.
4. Schedule of Lectures and Demonstrations for Internes, 1921-1922.

October, 1921

1. The Treatment of Skin Diseases with Ultra Violet Light..... A. E. Schiller, M. D.
2. Promoting Rapid Skin Growth Over Granulating Surfaces by Adhesive Plaster.....W. R. Olmsted, M. D.
3. A Case of Seminal Vesiculitis.....L. W. Hull, M. D.
4. Tuberculoma of the Cerebellum.....W. W. MacGregor, M. D.

RED CROSS AIDES

Several Red Cross Volunteer Aides from the Canteen Service Club have continued their services in our Surgical Department. For a part of the year one or more volunteers have assisted in preparing surgical dressings, pads, etc. We are under many obligations to these women for their unselfish and time-sacrificing service. Throughout the greater part of the year the following ladies, under the direction of Mrs. C. Goodlie Edgar, Chairman, and Mrs. J. H. Rippier, Secretary, assisted the Hospital daily in this work:

Mrs. Wellington J. Hunt	Miss Carrie McMillan
Mrs. J. J. Tompkins	Mrs. N. T. Phillips
Miss Myrtle Babcock	Miss Elizabeth Jackson
Mrs. Emil Amberg	Mrs. R. E. Leatherman
Mrs. Harold Van Leyen	Mrs. C. A. Poctor

BEQUESTS

During the year 1921 we were notified of the bequest of Julia F. Owen, who left the sum of $5,000.00 for the endowment funds of the Hospital, which sum will be available for investment after settlement of the estate. This estate has not yet come to probate, and it will be many months before it is closed. Late in the year the Hospital was notified of the bequest of Mr. Joseph William Dailey of a residual part of his estate, the income of which is to be devoted to the care of the sick poor. Mrs. Helen N. Joy announced during the year a gift to the hospital of the use of a large property on Elba Island, adjacent to Grosse Isle, which she is remodeling to accommodate thirty or forty pupil nurses during vacation periods. Full particulars in reference to this magnificent addition to our facilities will be found on page 45.

ALEXANDRINE EAST, PROPERTY

A payment of $5,000.00 was mode on the principal of the land contract covering purchase of this property on Alexandrine, East, between John R. Street and Brush Boulevard. The state of finances of the Hospital during 1921 did not permit of further payments. The outlook for larger payments for 1922 appears promising.

RESIDENT INTERNE SERVICE

The resident interne staff appointed for July and September 1, 1921, comprised 18 members. The number of applicants for our staff service still exceeds the vacancies. The schedule of rotating service is maintained in order to comply with the requirements of the fifth interne year of several states. Co-operation of the staff in the practica and scientific training of our resident internes continued throughout the year. The following list of demonstrations and lectures were given by the various members of the staff in 1921:

1. Clinical Disorders of the Heart Muscle.....Dr. J. T. Watkins
2. Technique for Tonsillectomy.....Dr. C. C. McClelland
3. Treatment of Fractures and Dislocations.....Dr. Geo. P. Myers

4. The Acute Abdomen.....Dr. Chas. S. Kennedy
5. Abdominal Injuries.....Dr. G. H. Palmerlee
6. Blood Chemistry.....Dr. C. I. Owen
7. Antitoxins.....Dr. Earl Miller
   Asst. Director Exp. Medicine Dept., Parke, Davis & Co.
8. Suppurative Diseases of the Ear.....Dr. J. E. Gleason
9. Backache.....Dr. W. E. Blodgett
10. Acidosis.....Dr. L. F. C. Wendt
11. Peripheral Nerve Surgery.....Dr. Chas. S. Kennedy
12. Small Pox Vaccine.....Dr. Earl Miller
    Asst. Director Exp. Medicine Dept., Parke, Davis & Co.
13. Toxemias of Pregnancy.....Dr. M. A. Darling
14. Ouerating Room Technique.....Dr. J. H. Boulter
15. Bone Pathology.....Dr. H. P. Doub
16. Carcinoma of the Uterus.....Dr. H. W. Hewitt
17. Relation of Psychoanalysis to the Practice of Medicine.....Dr. Dale M. King
18. Standardization of Drugs.....Dr. Earl Miller
    Asst. Director Exp. Medicine Dept., Parke, Davis & Co.
19. Eye Injuries.....Dr. Neil Bentley
20. Acute Appendicitis.....Dr. J. H. Boulter
21. The Science of Medicine and Surgery.....Dr. J. B. Kennedy

ACKNOWLEDGMENTS

Again we must record our obligations to the many friends of the Hospital for their material assistance and support. During the year we have had the services of several groups of singers on special occasions and regularly on Sundays. We are under many obligations to Mrs. J. H. Whittaker, Mrs. Grieves, Mr. Bond and Mr. McKnight, of the Tuesday Musical Society, for singing in the Hospital on Sunday afternoons the greater part of the year. The Rev. W. H. Hoffman, of the Interdenominational Committee of the Council of Protestant Churches, has visited our sick regularly. We have also had regular visits from the Catholic Priests, representing churches of various racial groups, and visits from representatives of most of the other religious denominations of the city.

There were few changes in heads of departments during the year Many of these co-workers have been associated with the Hospital for several years, and are responsible in great measure for its successful operation. Their loyalty and service has added another year to the roster, and I wish to give more than perfunctory thanks and commendation. We have to record the death, during the year, of an old and faithful employe of the Hospital, Mr. John A. Marshall, who had loyally served the Hospital as orderly and head orderly for many years. Another employe, Lucy Gorny,, of the housekeeping department, was struck by an automobile in November, and died from her injuries.

It is indeed a pleasure to record the obligations of the Superintendent and other officers of the Hospital to your Board for support and co-operation. The increased attendance at Board meetings is extremely gratifying. and is an index of the direct interest of the Board members in the details of hospital work. Several members of the Board of Lady Managers have also continued their interest, especially Mrs. Helen N. Joy, to whom we are under many obligations.

Respectfully submitted,

W. L. BABCOCK, M .D.,
Superintendent.

NEW MATERNITY WARD

A SUN PARLOR

THE GRACE HOSPITAL TRAINING SCHOOL FOR NURSES

NURSES' PARLOR

THE GRACE HOSPITAL TRAINING SCHOOL FOR NURSES

1921

FACULTY

Miss Lauria G. Meader, R. N. ..... Principal
Miss Janette Still, R. N. ..... Assistant Principal
Miss Beatrice J. Ritter, R. N. ..... Instructress
Miss Della DeLong, R. N. ..... Operating Room Supervisor
Miss Mabel I. Taylor, R. N. ..... Assistant Operating Room Supervisor
Mrs. Lola S. Bromley ..... Social Service Director
Mrs. Jennie O. Stall, R. N. ..... Clinic Supervisor
Mrs. Pauline Montieth, R. N. ..... Night Supervisor
Miss Gertrude Kennedy, R. N. ... Supervisor, Miriam Memorial Branch
Mrs. Ada P. Hall, R. N. ... Night Supervisor, Miriam Meomorial Branch
Miss Carolyn S. Kling ..... Dietitian
Miss Alice N. Carter, R. N. ..... Director, Occupational Therapy Dept.
Mrs. Carrie Deneke ..... Nurses' Home Supervisor

HEAD NURSES

Miss Edith Bruce, R. N.
Miss Harriet Westley, R. N.
Miss Bernice W. Wells, R. N.
Miss Harriet Milens, R. N.
Mrs. Blanch Patterson, R. N.
Miss Elsie D. Gould, R. N.

To the Board of Trustees, The Grace Hospital,
Detroit, Michigan.

Gentlemen:—I respectfully submit to you the report of the Training School for the year ending December 31, 1921.

The following list is the enrollment of Graduates and Pupil Nurses remaining at the end of the year:

Superintendent of Nurses	1
Assistant Superintendent of Nurses	1
Instructress	1
Night Supervisor	1
Branch Supervisor	1
Branch Assistant Supervisor	1
Branch Night Supervisor	1
Supervisor, Operating Room	1
Assistant Operating Room Supervisor	1
Graduate Head Nurses, Ward or Departments	5
Graduate Nurse Anesthetist	1
Dietitians	2
	17
Pupils in Training School:	
Graduate	1
Senior Nurses	21
Intermediates	50
Juniors	43
	115
Affiliated (Children's Hospital)	3
	118

The graduating exercises for the class of 1921 were held May 10; the school as in previous years again participating in the Detroit Community Commencement Exercises. Twenty-three nurses received diplomas and the school badge. Two members of the class are holding positions in the Hospital, Miss Gladys Reid as Assistant Clinic Supervisor, and Miss Blanche Patterson as Floor Supervisor. Miss Adah Gordon, also a member of the class, who is intending to specialize in obstetrical work, is at the present time in New York engaged in post graduate work at the Woman's Hospital.

There have been but few changes in the nursing staff during the past year. Miss Jean Cochrane, Assistant Principal, resigned in May to take a post graduate course in anesthesia. Miss Janette Still, who has been Instructress of Nurses during the past year, will fill this vacancy, and Miss Beatrice Ritter, a graduate of the Allentown General Hospital, Allentown, Pa., has been engaged as Instrctress of Nurses.

The general health of the nurses has been good, and although we have experienced the average number of medical and surgical illnesses, there have been no serious results.

We are glad to announce the continuation of our affiliation with the Cass Technical High School, where each probationer and the junior class receive a most satisfactory course in chemistry and dietetics. Much credit is due the officers of the high school for this course.

The number of class hours required during the term of training has been increased to between 450 and 500 hours, following as closely as possible the requirements of the National Curriculum for Schools of Nursing. The nurses have responded to this increased demand of class work, and with few exceptions appear keenly interested in the theoretical training. The list of applicants has increased. The educational standards of these appplicants are high, and at the present time we have a number of pupils in the school whose educational qualifications are from one to four years college training.

It may be of interest to note that early in the Fall we organized in our school The Grace Hospital Training School Young Women's Christian Association. One cannot help but feel that this association is going to contribute to the school not only a source of pleasure and education, but an ideal of purpose which perhaps can be explained after knowing the purpose of the association which has been placed before the nurses as follows: "To create, maintain and extend throughout the school a strong, high moral sentiment, to lead students to be loyal to the Church of Christ, as in obedience to His commandments, to build them up in Christian character and to prepare them for more valuable service."

For the co-operation of the attending staff of physicians and surgeons in their care of the sick nurses, and for their interest and thorough work in the lecture courses, I wish to offer my sincere thanks. We also wish to thank the staff for the generous Christmas offering which was used to assist in the purchase of a phonograph for the Nurses' Home.

To the many kind friends, who through their thoughtfulness and generosity, have contributed to the happiness and welfare of the nurses, I wish also to extend the grateful appreciation of the entire Training School.

To Mrs. Helen N. Joy, our loyal friend, we again try to express our thanks for the many concert tickets, for the Christmas supper, for the luncheon at Grosse Isle, and for the vacation house. One must visit this beautiful home to appreciate what this splendid gift will mean to our school. The building, furnishings and garden shaw in each detail the kindly thought that has made the nurses comfort and enjoyment the first consideration. Although not completed until late in the Summer, the nurses enjoyed many trips to the vacation house, and are looking forward with pleasure to the enjoyment of the many anticipated visits of the coming year.

Respectfully,

LAURIA G. MEADER, R. N.,
Superintendent of Nurses and Principal.

TRAINING SCHOOL

CLASS OF 1922

Miss Virginia Ross
Mrs. Reta Ecclestone
Miss Victoria McKinney
Miss Elsie Pankratz
Miss Isabelle Anderson
Miss Sara B. Barton
Miss Helen Bourne
Miss Madeline Turner
Miss Leona J. Dawson
Miss Jennie Atwater
Miss Ada N. Lambden
Miss Tillie Lobban
Miss Mary D. Johnson
Miss Susanne Rogers
Miss Zeta Goodrow
Miss Vera E. Dawes
Miss Orpha Hunter
Miss Mary Napolatano
Miss Fern Awrey
Miss Violet Newbrough
Miss Sylinda Becker
Miss Helen Mokener
Mrs. Florence Glenn
Miss Ruby Wardle
Miss Edith Greer
Miss Mabel Kiehler
Miss Antoinette Walker
Miss Thedore Owens
Miss Caroline Whinham
Miss Dorothy Cole

CLASS OF 1923

Miss Pearl Clatworthy
Miss Hilda O'Bershaw
Miss Eva Dertinger
Miss Agnes Kiminski
Miss Sallie Stone
Miss Anna Seeger
Miss Agnes Lynch
Miss Alice Precious
Miss Julia Ross
Miss Grace Gillespie
Miss Nellie Nehmer
Miss Carroll Wood
Miss Emma McDonald
Miss Elinor Witherall
Miss Sophia Burger
Miss Kathryn I. Oliver
Miss Catherine Kennedy
Miss Gertrude Mehrle
Miss Estelle Ross
Miss Hazel Puff
Miss Emma Crichton
Miss Helen J. Burnett
Miss Beatrice Roell
Miss Geta L. Haynes
Miss Dorothy Hunter
Miss Janette Case
Miss Rena Black
Miss Estelle Rose
Miss Elizabeth Simons
Miss Wilhelmina Ackerman
Miss Emily Hinton
Miss Amelia Cornish
Miss Madeline Schuett
Miss Beulah Parent
Miss Ottelia Trinklein
Miss Sophia Kempton
Miss Blanch Holdsworth
Mrs. Jane Wellington
Miss Winifred Baigent
Miss Linda Scheid

CLASS OF 1924

Miss Ruth Wiley
Miss Violet Otto
Miss Hazel Lepley
Miss Bernardine Binns
Miss Eirmina Boylan
Miss Virginia Aikens
Miss Olive Hergott
Miss Pearl Fink
Miss Hilda Schultz
Miss Senia Kangas
Miss Bessie Tyson
Miss Beatrice Baird
Miss Mary Jeffery
Miss Lucille Mundell
Miss Ardella Pike
Miss Jessie Koeze
Miss Rita Hubner
Miss Beatrice Nelson
Miss Elsa Weigand
Miss Rosa L. Bloomfield
Miss Carrol Young
Miss Marguerite Hansen
Miss Eulalia Basinger
Miss Jessie Kraemer
Miss Elizabeth Steinhauer
Miss Esther Swanson
Mrs. Eva Harvey
Miss Gladys Buhrow
Miss Louise Nessler
Miss Lillian Anderson
Miss Elizabeth Marlott
Miss Esther Berry
Miss Mamie Snover
Miss Lillian Snover
Miss Alice Braden
Miss Beatrice Palmer
Miss Anne Miner
Miss Ruby Williamson
Miss Winifred Schuett
Miss Lola Turner
Miss Marjorie Wiley
Miss Reah Eddy
Miss Sally Muir
Miss Lena Jerry
Miss Margaret Hale

THE HELEN N. JOY NURSES' VACATION HOME,
Elba Island, Grosse Isle, Michigan

REAR VIEW OF VACATION HOME—
LAKE ERIE IN THE DISTANCE

HELEN N. JOY NURSES' VACATION HOME

This beautiful Home on Elba Island, in the Detroit River, was purchased by Mrs. Helen N. Joy for the use of pupil nurses of the Grace Hospital, on week ends and during their vacation periods, if they desire to avail themselves of its use. The house was entirely rebuilt and remodeled to accommodate comfortably thirty nurses at a time. It also has emergency provision for twenty additional, giving it a total capacity of fifty nurses.

This Home occupies an elevated position on a bluff overlooking the mouth of the Detroit River. The large grounds and spacious verandas make it an ideal play ground for tired nurses. The other buildings include a caretaker's cottage, garage, stable for pony, and ice house. The grounds are several acres in extent. A large garden, ample in size, is part of the property. There are a large number of shade trees on the grounds, and in addition sixty fruit trees, including apple, pear, cherry, plum and mulberry trees. A dock for boats and a bathing beach are features of this summer home.

Pupil nurses from The Grace Hospital Training School for Nurses, from May 1 to October 1, will be sent to the Home in groups of thirty. The Hospital maintains an automobile service between the Main Hospital and the West Side Branch Hospital and the summer home. The Home is in charge of a caretaker throughout the year, and a housekeeper, cook and maid are employed during the vacation months.

RESIDENT STAFF, 1921-1922

POST GRADUATE COURSES

During the year 1921 we received 225 inquiries in reference to the Post-Graduate Courses given by the Hospital. We also were requested to recommend candidates for the following hospital positions:

Superintendents	9
Assistant Superintendents	1
Superintendent of Nurses	11
Surgical Nurses	2
Supervisors and Head Nurses	11
Dietitians	2
Anesthetists	32
X-Ray and Laboratory Technicians	5
	73

COURSE IN ANESTHESIA

(Inaugurated in 1918)

GRADUATES—1921.

Miss Emma Alber
Miss Wilma Wallace
Miss Louise Conway
Miss Margaret Carmichael
Miss Eva Clemenshaw
Miss Anna M. Stauffer
Miss Beatrice Tourangeau
Miss Hannah E. Davis
Miss Kathryn Lavin
Miss W. G. Hulz
Miss Marion Traylor
Miss Maranda Dye
Miss Martha Sherman
Miss Jean C. Broomfield
Miss Kate Cook
Miss Jean B. Cochrane
Miss Loyola M. Echenoz
Miss Ethel Redhead
Miss Clara E. Allison
Miss Ruth A Nelson
Miss La Louise Eubank
Miss Ethel M. Lebkuecher
Miss Hallie A. Staley
Mrs. Nell McClintick
Mrs. F. Cameron Howard
Mrs. Bessie Bolka
Mrs. Della L. Shaffer
Mrs. Bess Reynolds
Dr. Nelson MacArthur

MEMBERS OF CLASS—1922.

Miss Josephine Wunderlich
Miss Dora E. Cocke
Miss M. Olive Graham
Miss Alice I. White
Miss Margaret E. Campbell
Miss Daisy H. Dunn
Miss Theresa Gust
Miss Marguerite C. Kerr

COURSE IN ADVANCED LABORATORY TECHNIQUE

(Inaugurated in 1919)

GRADUATES—1921.

Miss Nina L. Smith
Miss Marie Burns
Miss Meta Frazer
Miss Mable Ruckman

MEMBERS OF CLASS—1922

Mr. Harry Andersen
Miss Helen E. Bird

COURSE IN SURGICAL NURSING

(Inaugurated in 1914)

GRADUATES—1921

Miss Evelyn Monaghan

MEMBERS OF CLASS—1922

Miss Jessie T. Bain

COURSE IN X-RAY TECHNIQUE

(Inaugurated in 1921)

GRADUATES—1921)

Miss Etta Clare Martin

Miss Mable P. Ruckman

MEMBERS OF CLASS—1922

Mr. Herman Zimmerman

Mrs. Bess Reynolds

Mr. Harry Andersen

COURSE IN PRACTICAL HOSPITAL DIETETICS

(Inaugurated in 1912)

GRADUATES—1921

Miss E. Vera Black

REPORT OF THE X-RAY DEPARTMENT

To the Superintendent:

The work of this department continues to increase, thus reflecting the demands of modern medicine for increased accuracy in diagnosis made possible by the rapid developments taking place in the field of the Science of Actinology.

Our records show that there were 175 cases less in this department than in 1920, but 1920 was a busy year for the Hospital; every bed was occupied nearly all the time, and in 1921 some of our wards were entirely empty for the greater part of the year, so that the proportion of X-Ray work to the Hospital population has probably not decreased in 1921.

There is an idea prevalent among laymen, who know nothing about the X-Ray, that the X-Ray man should be able to turn on the X-Ray, and actually see anything that might be the matter in any part of the body. Of course, to anyone at all familiar with the X-Ray, such an idea is ridiculous.

And yet, each year witnesses advances in technique in X-Ray diagnosis, by which interpretative visualization of disease processes, formerly considered impossible, by means of the X-Ray, is now made possible.

In the past two or three years, the practice of injecting a gas, like oxygen, into the abdominal cavity has proven of great value in X-Ray diagnosis. The gas surrounding the soft tissues, enables us to see the latter, so that now the uterus and ovaries may be studied in all their surroundings. Adhesions may be actually seen. All this would be impossible without the aid of the gas. All the abdominal organs with disease processes, may thus, in selective cases be studied to advantage and information gained that was formerly impossible.

This method of study, however, should not be used indiscriminately. It causes some discomfort and pain and is not entirely without some danger.

A more valuable method of study of abdominal organs, the spine, pelvis, etc., is by means of the Potter-Bucky diaphragm, which is wholly without discomfort or danger to the patient. This instrument, perfected by Dr. Potter of Chicago, is perhaps the most important X-Ray invention since the development of the Coolidge X-Ray tube. By its aid we secure wonderfully clear and distinct pictures of the spine, kidneys and spleen, etc. It is of great assistance in the study of pregnant cases, to learn the size, shape and position of the foetus. Malposition may thus be corrected early, before the second stage of labor. Various abnormalities may be properly cared for in due season. Pregnancy itself, often difficult to recognize, may be diagnosed.

In treatment also, great strides have been made. Our difficulty in treating deep-seated cancer has always been to get a sufficient amount of ray into the deep-lying cancer cells to kill them, but leave the skin and intervening tissues unharmed. With the new apparatus this can be done. With this machine we get large quantities that approach in length the shorter gamma rays of radium of which there are so few in radium that the latter is not very practical for large and deep-seated growths.

A new apparatus is at the Hospital ready for installation in January. It will cost close to $10,000.00 by the time it is installed and we feel confident it will enable us to do more for victims of cancer than we have been able to do before.

During the year we have trained several nurses and returned

soldiers to be X-Ray technicians. We now give a three to six months regular course to those qualified to enter. The pupils learn to operate X-Ray machines, take radiographs, develop, etc. During the year we have trained five technicians.

The following is a summary of the work done in the laboratory:

Main Hospital Cases	1492
Miriam Memorial Branch Cases	61
Clinic Cases	192
Out Cases	255
	2000

Classifications

Fractures and Dislocations	1033
Gastro-Intestinal Tract and Gall Bladder	295
Chest	364
Kidneys and Bladder	230
Diseases of Bones and Joints	116
Teeth	137
Sinuses	22
Mastoids	33
Foreign Bodies	42
Pregnancy	21
Treatment	50
	2343

R. H. STEVENS, M. D.,
Roentgenologist.

A WARD

REPORT OF THE DIRECTOR OF LABORATORIES

To the Superintendent:

I beg to submit herewith the report of the Laboratory for the year ending December 31, 1921, as follows:

Bacteriology		
Throat Cultures	1869	
Cultures and Smears	575	
Blood Cultures	83	
Sputum Examinations	169	
Autogenous Vaccines	18	
Cultures for Typhoid-Faeces and Urine	24	
Urine Examinations for Bacillus Tuberculosis	18	
Animal Inoculations	32	
		2,788
Chemistry		
Fecal Analyses	518	
Gastric Analyses	212	
Quantitative Analyses of Urine	21	
Routine Qualitative Analyses of Urine	10500	
Phenolsulphonephthalein Estimation	116	
Blood Nitrogen	111	
Blood Urea Nitrogen	36	
Blood Uric Acid	36	
Blood Creatinine	46	
Blood Sugar	177	
Blood Carbon Dioxide	12	
Blood Chloride	9	
		11,794
Pathology		
Placentae	213	
Microscopic Tissue Examinations	354	
Autopsies	68	
		635
Blood Analyses		
Complete Blood Counts	787	
White and Differential	540	
Red Counts	13	
Haemoglobin	37	
Coagulation Time	61	
Examinations for Malaria Plasmodia	11	
		1,449
Serology		
Blood Wassermanns	1745	
Widals	76	
Blood Grouping	87	
Spinal Fluids	146	
Von Pirquet Tests	28	
Schick Tests	23	
Complete Fixation for Gonorrhea	7	
		2,112
Miscellaneous and Special		36
Grand Total		18,814

Respectfully submitted,

CLARENCE I. OWEN, M. D.
Director of Laboratories.

REPORT OF DIAGNOSTIC CLINIC

January 1st to December 31st, 1921

Number of Physicians sending Patients to Clinic	72
Number of Patients sent to Clinic	350
Number of Diagnoses	423

Acromeglia	1	Meningitis	4
Addisons	2	Myocardial	21
Anemia, Pernicious	7	Neuromuscular	16
Appendicitis	4	Nephritis	19
Arthritis	22	Para-Typhoid	5
Carcinoma of Spine	1	Purpura, Henochs	2
Cardiac Disease, Valvular	24	Pericardial	4
Diabetes	2	Septicaemia	3
Encephalitis	10	Syphilis, Cerebro-Spinal	12
Gastric (a) Malignant	6	Syphilis, General	4
(b) Ulcer	5	Sclerosis, Vascular	23
(c) Other	5	Tuberculosis	20
Gall Bladder	13	Pneumonia	66
Other Intestinal	3	Empyema	13
Hemachromatosis	1	Other Pulmonary	31
Insanity, Neurosis, Hysteria, Drug-Habit, etc.	51	Thyroid Disease	17
Malaria	3	Tumors, Cerebellar	3
			423

EMPLOYES' HOME

REPORT OF SOCIAL SERVICE DEPARTMENT

FOR THE YEAR 1921

To the Superintendent:

I herewith have the honor to submit the ninth annual report of the Social Service Department of The Grace Hospital for the year ending December 31, 1921.

The department still continues under the financial support of the Detroit Community Union. During the year an increased number of patients have been investigated, doubtless due to the continued industrial depression.

The department again participated, in conjunction with Miss Alice N. Carter, Occupational Therapy Director, in the exhibit at the City Hall for the Community Fund Drive, October, 1921. In doing so it was pleasing to note the increasing interest of the laity in various phases of Social Service Work.

During the year the department passed into the Hospital for operation by Dr. Carroll L. Storey, 33 Orthopedic cases from the Sigma Gamma Clinic for crippled children.

The splendid co-operation of the various outside agencies with which we have been associated has been a great satisfaction.

On December 24, the Annual Christmas Tree Entertainment was given for the children; 128 little ones and 12 adults were entertained. After an hour of Christmas stories told by Miss Bernice Annis, whistling by Mrs. Herbert Edwards, Christmas carols sung by a Quartette from St. Paul's Cathedral and the nurses led by Miss Lauria Meader, Principal; our efficient Assistant, Miss Lillian Barnett, appeared in the guise of Santa Claus, and in a happy manner distributed gifts, each child receiving a pair of wearable stockings filled with candy and toys. These were donated through the kindness of Rev. John Howard Lever, Episcopal Missionary, and came from various Episcopal Churches. Following the distribution of gifts ice cream, cake and cocoa were served.

We are also indebted to:

Mrs. James Parker for 2 boxes of apples, Dr. Susanne Sanderson, Miss Leone Bishop, Miss Harriet Wesley, Mrs. John T. Watkins, Mr. A. F. Meloche, and many of the nurses for gifts of money and clothing.

During the year there were:

Case histories	3776
Visits to homes in patient's behalf	1231
Persons given work	8
Articles of clothing given out	519
Free Salvarsan Treatments	401
Free Glasses	83
Christmas Dinners given out	20
Thanksgiving Dinners	15

The following number were referred to various agencies:

Department of Public Welfare	41
Board of Health	52
United Jewish Charities	18
Children's Aid Society	17
St. Vincent de Paul Society	3
Visiting Nurses' Association	27
Children's Free Hospital	6

Receiving Hospital	34
Committee on Handicapped	1
Board of Education	8
Methodist Deaconess Home	9
Woman's Police	1
Girls'Protective League	1
International Institute	1
City Physician	10
Juvenile Detention Home	1
Rescue Mission	2
Y. W. C. A.	2
Visiting Housekeepers' Association	9
Private Physicians	235

Respectfully submitted,

LOLA S. BROMLEY,
Social Service Director.

OPERATING ROOM

REPORT OF DENTAL CLINIC

To the Superintendent:

Dear Sir:—I herewith submit the report of The Grace Hospital Dental Clinic of the Detroit Board of Health for the year ending December 31st, 1921. It will be noted that the amount of finished work this year is almost three times that of last year, and this is the result of a plan adopted at the beginning of the year to regularly assign school groups for every hour that the clinic is open. This insures a busy clinic and is not dependent on transient patients.

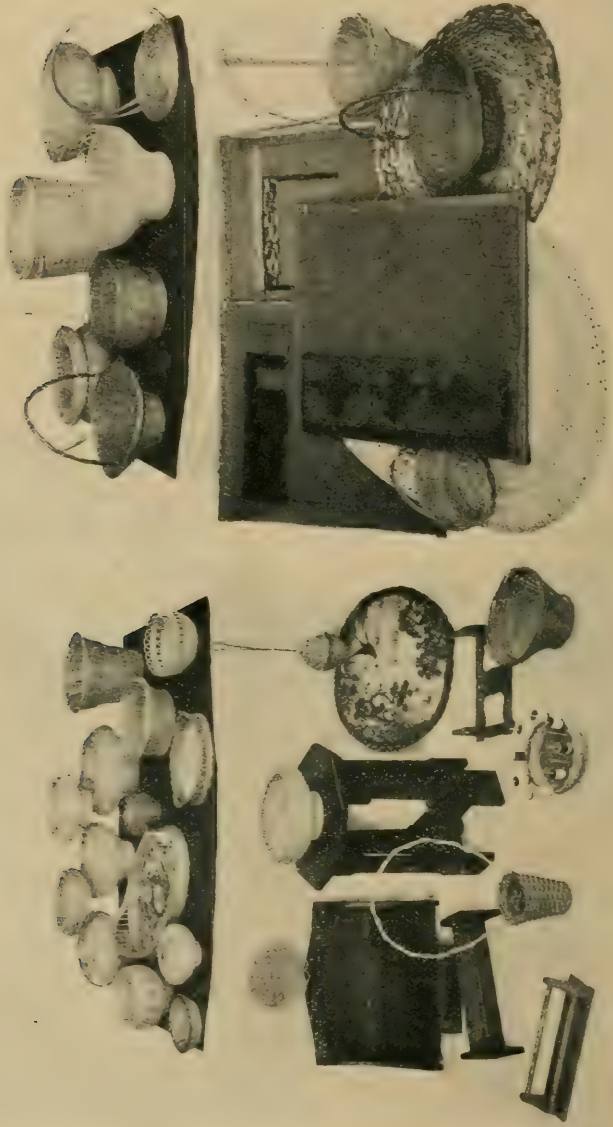
It is recommended that this clinic be extended from 8:30 to 12:00 o'clock instead of 9:00 to 11:00 as at present. It is also recommended that the lighting be improved. It is our earnest endeavor to make this clinic as efficient and thorough as possible.

The following is a detailed report of the work accomplished during the year:

Patients—New, 1104; old, 144. Total, 2548.
Prophylaxis—477.
Fillings—Amalgam, 534; cement fillings, 257; gutta percha, 4.
Treatments—Silver nitrate, 2.
Roots—Treated, 51; filled, 8. Total, 59.
Pulps—Treated, 81; capped, 73.
Abscesses—Treated, 3; lanced, 13.
Extractions—Permanent teeth, 549; temporary, 622.
Odontalgia—Treated, 137; local, 533.
Surgical Cases—Gas, 27; curettement, 315.
X-Rays taken, 10.
Pyorrhea, 3.

Respectfully submitted,
A. C. THOMPSON,
Director Dental Division.

DENTAL OPERATING ROOM
POLYCLINIC



OCCUPATIONAL THERAPY DEPARTMENT
A Few Articles Manufactured by Convalescent Patients

REPORT OF THE OCCUPATIONAL THERAPY DEPARTMENT

1921

To the Superintendent:

I herewith submit the annual report of the Occupational Therapy Department of The Grace Hospital for the year ending December 31st, 1921.

Each year it is becoming a more widely recognized fact that Occupational Therapy is essential to the efficient treatment of many classes of patients in the Hospital: "that physical activity is one of the three basic modes of expression normal to man—as such it serves to balance those mental and emotional activities which complete the triangle of human expression;" that busy hands help to make contented and well bodies! that psychology plays a part in the restoration of the body.

Recently a patient entering the Hospital in such acute pain that she was sure she could not endure it until she arrived, stated that while waiting in the reception room for a wheel-chair to convey her to the ward, she became so interested in looking at the Handicraft Exhibit and in anticipation of what she might do during her stay, that she wholly forgot the pain. She is now an eager pupil.

Another patient from New York City, confined in the Hospital over the holidays, expressed her gratitude that she was able to secure her Christmas gifts, some nine articles, without being caused the inconvenience of having to purchase them outside.

The department again participated in the exhibit of the Detroit Community Union at the City Hall, October, 1921. The scope and variety of our work was fully represented in the articles shown and further illustrated by several of our patients coming in each day to do weaving and basketry.

Many of our patients after leaving the Hospital, where they purchase materials at cost, continue the work in their homes, and many are the expressions of gratitude for the benefit derived, physical and pecuniary.

May we again suggest to our attending physicians, whose advice carries such weight to the average patient, that they be not forgetful to urge upon those patients whose stay in the Hospital is prolonged, the multiple benefits that await their application to the work.

The department extends sincere thanks to the many doctors and others who purchased their Chirstmas gifts at our recent sale. Especially do we extend thanks to:

Anonymous, $5.00.

Miss Bentliff—Donations of materials.

Detroit Veneer and Panel Company—Wood and tin receptacles.

Clark Hardware Company—Receptacles for flower baskets.

During the year the following articles were made:

Animals	130	Belts	3
Birds	44	Key Cases	16
Dolls	96	Bill folds	8
Balls	30	Purses	160
Organdie and wool flowers	26	Lamps	6
Hat brushes	18	Small shades	2
Crochet yokes	2	Waste baskets	10
Baby bonnets	2	Flower bowls	45
Face cloths	2	Trays	58
Collar and cuff sets	10	Work baskets open and cov.	120
Thompson bags	7	Baskets with handles	13
Twine hand bags	156	Jardinieres	3
Twine shopping bags	3	Fern basket	1
Raffia bags	4	Baby rattles	28
Hot water bags	12		
Slippers	2		1017

Respectfully submitted,

ALICE N. CARTER, R. N.,

Occupational Therapy Director.

PUPIL NURSES' DINING ROOM

GIFTS AND CONTRIBUTIONS
1921

Mrs. Whitton—Doll house for childrens' ward.

Nettie Hamilton—Toys for children's ward.

Clark Hardware Co.—Flower basket receptacles.

Miss Bentliff—Cottons, threads, fringe, etc.

Dr. F. T. McCormick—6 Haemostats, 1 pr. tissue forceps, 1 pr. Mayo scissors for labor room.

Mrs. Carl R. Meloy—20 books for medical library.

Mr. Tuttle (Edson, Moore & Co.)—Cretonne samples for O. T. Dept.

Mr. Hall (Edson, Moore & Co.)—Blanket cloth samples for O. T. Dept.

Mrs. Henry S. Hulbert—Toys for children's ward.

Mrs. J. J. Tomkins—7 glasses of jelly.

Dr. J. T. Lyston—4 story books.

Mr. John Potter—$25.00 in money.

Mr. W. T. Barbour—Vegetables.

Sunday School children of the Temple Beth-el—Fruit.

Dr. John T. Watkins—One pair children's crutches.

Miss Jesse Duncan—Two story books.

Needlework Guild of America—799 garments.

Dr. J. H. Boulter—One Tycos sphygmomanometer.

Mr. D. Dwight Douglas—28 books.

Wagner Baking Co.—Large frosted cake.

Whosoever Bible Class, Woodward Ave. Baptist Church—20 scrap books.

A. Kuhlman & Co.—Box of cigars.

Majestic Candy Shop—2 lb. box of candy.

A. E. Gilberg & Co.—Box of dates.

Dr. F. A. Kelly—Soap containers for operating room.

Surgical and Medical Staff—$123.00 for Xmas remembrances, for nurses and internes.

Dr. Suzanne Sanderson—Chocolates for nurses and internes.

Mrs. Carl R. Meloy—Research slides of Pathological specimens.

J. F. Hartz Co.—Box of cigars.

John Breitmeyer's Sons—Flower vases.

MAGAZINES
1921

Mrs. Joy, Grosse Pointe Farms, Mich.

Mrs. Cordelia Martin, 64 Edmund Place.

Mrs. H. P. Snedicor, 4767 Commonwealth Ave.

A. O. Dunk, Puritan Machine Co., Cor. 10th and Lafayette.

Mrs. W. F. Nimmer, 36 Mt. Vernon Ave.

Rev. A. R. Gill, St. Matthias Episcopal Church, Grand River and Vinewood.

Mr. T. P. Ladue, 703 Canfield Ave.

Mrs. King, 662 W. Canfield Ave.

Mrs. Rounds, 491 Hancock Ave.

Miss Mary Hamilton, 491 W. Hancock Ave.

Ludington News Co., 206 W. Larned St.

Sunshine Club, Mrs. Bernice Hawley, Secretary, Box 261.

Mrs. John T. Watkins, 53 Longfellow Ave.

Mr. Charles Wales, 475 Peterboro St.

FLOWERS

1921

Mrs. W. T. Barbour, 2931 Jefferson Ave. East.

Mr. A. A. Woodbridge, 2980 West Grand Blvd.

Mrs. Frank Joyce, Walkerville, Ont.

Charles H. Plumb, 1430 Burns Ave.

Mrs. Carl R. Meloy, 231 Highland Ave., Highland Park.

Fetters Floral Co., East Adams Ave.

The Garden Club of Michigan, Pres. Mrs. Edward Parker, Pasadena Apts., E. Jefferson Ave.

Mr. J. R. Schmitt, 938 Hancock Ave. E.

Miss Grace Crysler, 19369 Havana Ave.

Mr. D. Dwight Douglas, Rathbone Place, Grosse Pointe.

Mrs. J. O. Stutman, House of Correction Farm.

Bank of Detroit, 43 Fort St. W.

Dr. A. A. Newbarr, 3730 Commonwealth Ave.

Mrs. Israel Cohen, 4829 Second Blvd.

Miss Lorraine Parke, 95 Richton Ave.

Mrs. W. F. Baker, 50 Charlotte St.

Mrs. C. M. DeVoe, 2500 West Forest Ave.

Mrs. L. J. Goux, 338 Josephine Ave.

The Family of Mrs. Lerch, 74 Elmhurst Ave., Highland Park.

Jerome Stock Floral Co., 1744 W. Warren Ave.

MAIN HOSPITAL—PATIENTS TREATED

	Remaining on Dec. 31, 1920			Admitted in 1921			Discharged in 1921										Remaining on Dec. 31, 1921		
							Males					Females							
	Males	Females	Total	Males	Females	Total	Cured	Improved	Unimproved	Dead	Total	Cured	Improved	Unimproved	Dead	Total	Males	Females	Total
Medical	4	16	20	442	523	965	101	262	25	54	442	143	294	22	56	515	4	24	28
Surgical	33	38	71	1010	969	1979	640	278	20	59	997	664	249	21	56	990	46	17	63
Gynaecological		13	13		712	712						546	110	20	20	696		29	29
Obstetrical		16	16		503	503						478	20	11	5	514		5	5
O. & O.	5	1	6	1010	1144	2154	962	35	13	5	1015	1080	37	22	1	1140		5	5
Children		1	1	11	9	20	4	2		2	8	9		1		10	3		3
Orthopedic	6	4	10	162	122	284	15	145	6		166	17	98	4	2	121	2	5	7
Neurological		2	2	4	9	13		3	1		4	3	8			11			
Dermatological				8	10	18		5	2	1	8	2	5	1	1	9		1	1
Urological	5	1	6	162	53	215	81	57	15	8	161	11	31	8	3	53	6	1	7
Rectal	2	3	5	27	27	54	26	2		1	29	26	4			30			
Infants	3	3	6	259	232	491	238	4		12	254	214	5		15	234	8	1	9
Total	58	98	156	3095	4313	7408	2067	793	82	142	3084	3193	861	110	159	4323	69	88	157
Grand Total			156			7408	Treated				7564	Discharged				7407			157

Number of deaths 301
Number of dying within 48 hours of admission 70
Percentage of deaths after deducting patients admitted in dying condition 3.05%
Average number of day's treatment of each patient 9.62
Number of cases admitted for first aid 1078
Number of Coroner's cases 29

MIRIAM MEMORIAL BRANCH—PATIENTS TREATED

	Remaining on Dec. 31, 1920			Admitted in 1921			Discharged in 1921										Remaining on Dec. 31, 1921		
							Males					Females							
	Males	Females	Total	Males	Females	Total	Cured	Improved	Unimproved	Dead	Total	Cured	Improved	Unimproved	Dead	Total	Males	Females	Total
Medical	1	4	5	49	39	88	23	11	3	11	48	14	14	9	6	43	2		2
Surgical	7	6	13	206	299	505	144	45	2	15	206	234	40	9	16	299	7	6	13
Gynaecological																			
Obstetrical		2	2		199	199						184	4	6	4	198		3	3
O. & O.				34	45	79	33	1			34	43	1	1		45			
Children																			
Orthopedic																			
Neurological																			
Dermatological																			
Urological																			
Rectal																			
Infants	1	1	2	95	78	173	93			1	94	76			2	78	2	1	3
Total	9	13	22	384	660	1044	293	57	5	27	382	551	59	25	28	663	11	10	21
Grand Total			22			1044	Treated				1066	Discharged				1045			21

Number of deaths 55
Number dying within 48 hours of admission 23
Percentage of deaths after deducting patients admitted in dying condition ..... 3 %
Average number of days' treatment of each patient 10.5
Number of cases admitted for first aid during year 96
Number of Coroner's cases 12

THE GRACE HOSPITAL POLYCLINIC REPORT

	New Cases			Re-Visits			Transferred to Hospital
	Male	Female	Total	Male	Female	Total	
Chest	6	10	16	43	53	96	
Medical	294	446	740	833	1799	2632	26
Surgical	264	207	471	767	749	1516	30
Gynaecological		264	264		1633	1633	63
Eye and Ear	371	512	883	945	1543	2488	5
Orthopedic	34	58	92	69	144	213	29
Dermatological	149	159	308	633	1102	1735	3
Diseases of Children	214	261	475	368	579	947	10
Laryngological	830	961	1791	1458	1809	3267	1235
Urology	79	17	96	224	50	274	53
Neurological	40	47	87	165	241	406	1
Dental	421	715	1136	594	909	1503	1
Obstetrical		70	70		162	162	7
Gastro-Intestinal	49	67	116	244	514	758	5
Heart	67	75	142	23	34	57	
Total	2818	3869	6687	6366	11321	17687	1468

Grand Total, 24,374. Original Prescriptions, 6,101.
Total number of Salvarsan Treatments given, 401.

AMBULANCE REPORT

1921

	Brought In	Taken Home	No. Case	Total
Sick Calls	1052	757	4	1813
Branch Calls	164	115	4	283
Transfers	13	...	..	13
Total	1229	872	8	2109

WARD 20—FOR CHILDREN

AUDITOR'S DEPARTMENT

ANNUAL STATEMENT OF EXPENSES AND EARNINGS

1921

Earnings and Income

Administration		$ 3,283.09	
Ambulance		10,454.77	
Board Account—Pay Patients		278,818.69	
Board Acct.—City and County Patients		13,888.75	
Discount Earnings		1,469.42	
Interest Earnings		59.33	
Baths	$ 301 00		
Laboratory	10,345 25		
Confinement Room	4,198.00		
Operating Room	33 343.33		
Polyclinic	1,947.39		
X-Ray Department	17,541.75		
Surgical Appliance Department	4,143.63		
Professional Care of Patients	27,112.21		
		98,932.56	
Training School Earnings		26.99	
			$406,933.60
*Miriam Memorial Branch			50,553 48
Income from General Endowment Fund			16 044 20
			$473,531 28

Maintenance Expenses

Ambulance		$ 7,108.33	
Fuel, Light and Heat		25,202.07	
Laundry		11 013.31	
Training School		48,204.63	
Interest		3 624 00	
Insuranec		792.00	
Employes' Building Expense Account		4,699 23	
Housekeeping	$ 56,507 21		
Less Cash Goods Sold	6,964.35		
		49,542.86	
Building, Maintenance, Current Repairs and New Equipment	$ 44,647.21		
Less Cash Goods Sold	6,624.51		
		38,022.70	
		$188,209.13	
			$473,531.28

*See page 69 for itemized statement.

ANNUAL STATEMENT OF EXPENSES AND EARNINGS—(*Cont.*)

Brought forward		$188,209.13	
			$473,531.28

Provisions

Bread and Crackers	$ 5,001.60		
Butter	6,291.86		
Canned Goods	8,491.49		
Cheese and Lard	865.93		
Coffee	1,210.25		
Dried Fruits	508.85		
Eggs	5,837.75		
Farinaceous	1,061.60		
Flour	1,302.88		
Fruits and Vegetables	18,317.91		
Meat	28,106.57		
Milk	20,210.84		
Sugar	2,774.89		
Syrup and Molasses	56.79		
Spices and Extracts	235.04		
Tea	344.09		
Sundries	3,112.90		
	$103,731.24		
Less Cash Goods Sold	12,702.50		
		91,028.74	

Pharmacy

Salaries	$ 2,809.51		
Drugs	4,711.20		
Surgical Dressings	8,484.96		
Surgical Supplies	2,600.64		
Serums, Vaccines and Salvarsan	783.40		
Food Products	212.34		
Instruments	147.60		
Pharmacal Sundries	122.69		
Heat, Light, Water, Phones, etc.	379.33		
	$ 20,251.67		
Less Cash Goods Sold	10,372.67		
		9,879.00	
		$289,116.87	
			$473,531.28

ANNUAL STATEMENT OF EXPENSES AND EARNINGS—(*Cont.*)

Brought forward	$289,116.87	
		$473,531.28

Professional Care of Patients

House Staff Expenses	$ 5,021.18	
Pediatric Department	139.39	
Pathological Laboratory	9,639.82	
X-Ray Department	13,732.02	
Orthopedic Department	1,028.64	
Surgical Appliance Department	4,411.98	
Printing	463.01	
Medical Equipment	3,182.52	
Library	87.71	
Dry Goods	2,053.72	
Sundries	456.94	
Telephone Expense	279.39	
Anesthesia Department	11,798.48	
Bulletin Grace Hospital	533.54	
Instruments	175.95	
Urological Department	281.85	
Water	151.98	
Clinical Record Expense	1,376.80	
Diagnostic Service	287.30	
Obstetrical Department	230.66	
Deep Therapy X-Ray Outfit	3,000.00	
	$ 58,332.88	
Less Credits	1,265.00	
		57,067.88
		$346,184.75
		$473,531.28

ANNUAL STATEMENT OF EXPENSES AND EARNINGS—(*Cont.*)

Brought forward		$346,184.75	
			$473,531.28

Administration

Annual Report	$ 454.09		
Transportation	854.89		
Salaries	31,692.65		
Stationery	500.06		
Printing	443.85		
Express, Freight, Cartage Expenses	1,666.72		
Subscriptions and Advertising	78.20		
Treasurer's Office, Legal Expenses	902.25		
Messenger Service, Telephones, Telegrams, Postage, Car Fare	2,249.95		
Office Files and Supplies	821.96		
Hospital Bureau of Standard and Supplies	200.04		
Sundries	142.45		
Water	30.40		
Christmas Fund	406.43		
	$ 40,443.94		
Less Credits	1.47		
		40,442.47	
*Miriam Memorial Branch		41,957.61	
Accounts charged to Profit and Loss, Main Hospital		736.99	
		$429,321.82	

Capital Expenditures

North Wing Addition	$ 25,887.11		
North Wing Equipment	8,446.23		
Alexandrine Ave. East—Real Estate	5,000.00		
		39,333.34	
Balance		4,876.12	
		$473,531.28	473,531.28

*See page 69 for itemized statement.

MIRIAM MEMORIAL BRANCH

ANNUAL STATEMENT OF EXPENSES AND EARNINGS

1921

Earnings

Paying Patients	$37,988.44	
City Patients	54.45	
County Patients	.....	
Operating Room	4,060.61	
Pharmacy	868.14	
Labor Room	1,779.00	
Ambulance	1,612.00	
Laboratory	253.00	
X-Ray Department	665.00	
Administration	67.97	
Baths	10.00	
Professional Care of Patients	3,194.87	
		$50,553.48

Expenses

Administration	$ 4,816.19	
Fuel, Light and Heat	2,776.33	
Hausekeeping Wages	4,052.59	
Laundry Wages	941.80	
Training School	4,596.74	
Professional Care of Patients	2,954.01	
Building, Maintenance, Repairs and New Equipm.	3,615.08	
Provisions M. S.	9,837.71	
Housekeeping M. S.	1,011.69	
Pharmacy M. S.	2,604.96	
Laundry M. S.	95.51	
Water	83.63	
Branch Home	909.25	
Ambulance	1,326.44	
X-Ray Department	205.00	
Laundry at Main Hospital	2,130.68	
		41,957.61
Surplus		$ 8,595.87

TRAINING SCHOOL ENDOWMENT FUND

(E. M. Fowler Endowment)

Receipts

December 31, 1920, Balance	$ 706.45	
March, 1921	110.00	
April	156.60	
May	50.00	
July	4.15	
September	60.00	
October	150.00	
		$ 1,237.20

Expenditures

January, 1921	$ 50.00	
October, 1921	135.00	
		$ 185.00
Balance		$ 1,052.20

DELIA N. HAMNER ENDOWMENT FUND

Receipts

December 31st, 1920, Balance	$ 1,564.94	
February, 1921	30.00	
March	121.75	
June	65.25	
July	61.50	
August	30.00	
September	40.25	
October	1.50	
December	341.25	
		$ 2,256.44

Expenditures

February, 1921	$ 30.00	
April	66.00	
September	144.00	
November	66.75	
December	1,484.01	
		$ 1,790.76
Balance		$ 465.68

NURSES' HOME ENDOWMENT FUND

(Helen Handy Newberry Endowment)

Receipts

December 31st, 1920, Balance	$ 646.05	
March, 1921	200.00	
		$ 846.05

Expenditures

February, 1921	$ 18.00	
		18.00
Balance		$ 828.05

TEFFT MEMORIAL ROOM ENDOWMENT

Receipts

December 31st, 1920, Balance	$ 509.37	
March, 1921	120.00	
		$ 629.37

Expenditures

June, 1921	$ 418.00	
		$ 418.00
Balance		$ 211.37

BLOOD TRANSFUSION FUND

Balance—December 31st, 1920	$ 1,100.03	
Receipts, 1921	1,625.00	
	2,725.03	
Expenditures, 1921	$ 1,335.00	
Balance		$ 1,390.03

NORTH WING BUILDING FUND

Building Proper—		
Expenditure, 1919	$ 6,453.77	
Expenditures, 1920	55,441.18	
Expenditures, 1921	25,887.11	
Equipment—		
Expenditures, 1920	10,176.07	
Expenditures, 1921	8,446.23	
		$106,404.36

OUT-PATIENT DEPARTMENT FUND

Balance in Bank	$ 800.00	$800.00

LELAND TRUST FUND

Receipts

Balance, January 1st, 1921	$ 1,125.02	
Debenture Coupons, 1921	240.00	
		$ 1,365.02

Expenditures

1921, McKesson Apparatus	$ 200.00	
Balance		$ 1,165.02

LABORATORY AND OUT-PATIENT DEPARTMENT BUILDING FUND

Expenditures

June, 1920		$ 500.00

Receipts

December, 1920	$ 50.00	
June, 1921	75.00	
October, 1921	50.00	
		$ 175.00
Balance		$ 325.00

DETROIT COMMUNITY UNION ACCOUNT

1921

	Out-Patient, Social Service and Occupational Therapy Departments	Receipts From D. C. U.
January	$ 1,863.53	$ 1,685.04
February	1,905.63	1,201.17
March	1,943 08	1 258.81
April	1,862.27	2,116.90
May	1,855.52	1,555.06
June	1,855.53	1,569.57
July	1 804.48	1,744.36
August	1,790.33	
September	1,990.94	3,285.41
October	1,757.75	1,839.19
November	1,827.83	1,579.75
December	1,871.69	1,615.38
		$19,450.64
Cash Receipts above Depts.		2,625.54
Deficit		252.40
	$22,328.58	$22,328.58